

Remarks

Claims 1-15 are pending.

Claims 1-15 are amended.

Claim 1 is amended to insert the phrase 'process for the preparation of a' into line 1 immediately prior to the word 'cationic', to delete the term 'derived from' and insert in its stead the term 'comprising the' shortly thereafter, delete the phrase 'characterized in that it consists essentially of' immediately prior to the definition of monomer I and to insert at the end of the claim ' wherein the monomers I and II are combined in an aqueous phase which is mixed with an oil phase and polymerized, characterized in that the cationic liquid dispersion copolymer consists essentially of monomer of formula (I) and monomer of formula (II)'. Support is found in the examples on page 30 and 31 of the specification.

Claims 2-6, 8 and 13-15 are amended to replace the term 'copolymer' the first line with 'process'. Claims 2-4 are also amended to delete the word 'it' in line 2 and insert in its stead 'the cationic liquid dispersion copolymer'. Claims 8 and 15 are also amended to replace the phrase 'derived from the polymerization of' with 'characterized in that the cationic liquid dispersion copolymer consists essentially of'. Support is found in amended claim 1.

Claim 7 is amended to replace the term 'cationic liquid dispersion copolymer' with in line 1 the term 'process', to replace 'derived from the' with 'comprising the emulsion' at the end of line 1 and to insert at the end of the claim the limitation 'characterized in that the cationic liquid dispersion copolymer consists essentially of monomer of formula I and monomer of formula II'. The comma at the end of claim 7 is replaced with a period. Support is found in amended claim 1.

Claim 9 is amended to replace the term 'cationic liquid dispersion copolymer' with in line 1 'process', to replace 'derived from the polymerization of' at the end of line 1 with 'characterized in that the cationic liquid dispersion copolymer consists essentially of'. Support is found in amended claim 1.

Claim 10 is amended to insert the term 'cationic liquid dispersion' immediately prior to the word 'copolymer' in line 2, to insert immediately after 'copolymer' the word 'prepared' and to insert into the third line the phrase 'the process of'. Support is found in amended claim 1.

Claim 11 is amended to insert at the beginning of the claim the phrase 'A method of preparing an', to insert immediately after the word 'comprises in line 2 the phrase ' incorporation of a cationic liquid dispersion copolymer prepared according to the process of claim 1 into said composition which composition comprises', to insert 'said cationic liquid dispersion' prior to the word 'copolymer in the following line and delete the phrase 'according to claim 1'. Support is inherent in the specification.

Claim 12 is amended to insert at the beginning of the claim the phrase 'A method according to claim 10 of preparing an' and to insert the word 'composition' prior to the word 'comprises' in the following line.

No new matter is added.

Objections / Rejections

Claim 7 is objected to for having an unnecessary comma at the end of the claim. As the comma is removed by the amendments above, Applicants kindly ask that the objections be withdrawn.

Claims 1, 5-7, 10 13 and 14 are rejected under 35 USC 102(b) as being anticipated by Cockroft et.al., WO 0240622.

Applicants respectfully traverse the rejections.

The instantly amended claims relate to a process for preparing and using select cationic liquid dispersion copolymers, which process comprises an emulsion polymerization of monomers I and II. The instant process is quite different from the conventional aqueous phase polymerization used to make the aqueous solution polymers of Cockroft, Examples on pages 9 and 10 in Cockroft.

Applicants therefore respectfully aver that the instantly amended claims recite a process well outside the disclosure of Cockroft.

Applicants respectfully submit that the rejections under 35 USC 102(b) over Cockroft et.al., WO 0240622 are overcome and kindly ask that they be withdrawn.

Claims 1-15 are rejected under 35 USC 103(a) as being unpatentable over Green et. al., US 6,365,656 in view of Cockroft et.al., WO 0240622 in view of Lentini et. al., US 5,665,656.

Applicants respectfully traverse the rejections.

Green discloses polymers prepared using a **reverse phase** emulsion polymerization process, column 6, lines 20-21 of Green, meaning that the monomers are dispersed in a hydrophobic liquid phase as opposed to the instant emulsion polymerization process wherein the monomers are dispersed in an aqueous phase. As in Cockroft above, the instant process is different from the process disclosed in Green. Lentini fails to overcome this deficiency.

Applicants respectfully aver that the instant process is not disclosed in the combined cited art and that the art does not meet the limitations of the instantly amended claims.

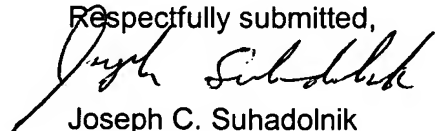
Applicants therefore respectfully submit that the rejections under 35 USC 103(a) over Green et. al., US 6,365,656 in view of Cockroft et.al., WO 0240622 in view of Lentini et. al., US 5,665,656 are overcome and kindly ask that they be withdrawn.

Applicants respectfully submit that all objections and rejections have been addressed and are overcome and kindly ask that they be withdrawn and that claims 1-15 be found allowable.

In the event that minor amendments will further prosecution, Applicants request that the examiner contact the undersigned representative.

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Respectfully submitted,


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